Ontario

Ministry of
Northern Development
and Mines

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

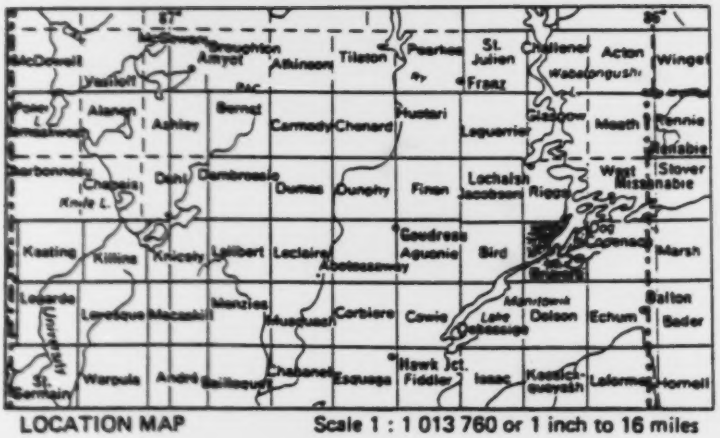
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 294

BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Compiled by the staff of
the Resident Geologist's Office
Sault Ste. Marie



LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

86-04098/

NTS Number 42 C/1, 42 C/8

Mining Claim Map Number M - 1505

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey.
1986: Bruyere Township, District of Algoma; Ontario Geological Survey, Geological Data Inventory Folio 294 , compiled by the staff of the Resident Geologist's Office, Sault Ste. Marie, 24 pages and 3 maps.

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Date	Page Revised	Revised by

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BRUYERE TOWNSHIP

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4
Drill Hole Summary 7
Airborne Geophysical Survey Data 14
Geochemical Survey Data 15
Miscellaneous Data 16
Newspaper Clipping File 17
ODM General Index Search 18
Selected References 22
Notes and Addenda 24

ACCOMPANYING MAPS

Property Location Map – 2 maps

Exploration Data Map – 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	D.M.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	ODM General Index; 9 Volumes	Yes	D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	D.M.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	D.M.
6	ODM Industrial Mineral Reports	No	D.M.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.M.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	D.M.
9	Newspaper Clippings File	Yes	D.M.
10	GSC Index to Publications	Yes	D.M.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	No	D.M.
12	OGS Index Maps	Yes	D.M.
13	Source Mineral Deposit Records (O.G.S.)	Yes	D.M.
14	Author - Subject Articles File	No	D.M.
15	Miscellaneous Papers: ODM & OGS	No	D.M.
16	ODM Geological Circulars: OGS Study Series	No	D.M.
17	ODM Preliminary Reports: ODM Bulletins	No	D.M.
18	ODM – OGS Open File Reports	Yes	D.M.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	D.M.
20	OGS Aggregate Resources Inventory Papers	No	D.M.
21	OGS Mineral Potential Maps	Yes	D.M.
22	Algoma Central Railway Maps	Yes	D.M.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- △ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (flurospar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt . . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- △ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

BRUYERE TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	1. Kingswood 2. Millar-Reed	Au	01859		-OGS map P. 1519 -file Bruyere 0011 -file Bruyere 0018 -occurrence 53 on ACR map -MDIR A0424
B	Larry Peters Gold Prop.	Au			-OGS map P. 1519 -occurrence 52 on ACR map
C	Larry Peters Gold Prop.	Au			-OGS map P. 1519 -occurrence 51 on ACR map
D	Larry Peters Gold Prop., vein #1	Au			-OGS map P. 1519 -occurrence 50 on ACR map

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SAULT STE. MARIE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Campbell, R. Bruyere 0010-A1				47			47												
2	Campbell, R. Bruyere 0010-C1				47			47												
3	Garvey, Wm. Bruyere 0010-D1				?			?												
4	Sylvanite Gold Mines Ltd. Bruyere 0011				43			32 43												
5	Algoma Central Railway Bruyere 0013	61 62						61 62												
6	Kingswood Explorations Ltd. Bruyere 0015	80		80		80		81												
7	Kingswood Explorations Ltd. Bruyere 0017	81				81		81 82 83					81							

BRUYERE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SAULT STE. MARIE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	MISCELLANEOUS	COMPILATION MAP	
8	Kingswood Explorations Ltd. Bruyere 0018	81	81	81	81	81		81												
8	Kingswood Explorations Ltd. Bruyere 0016							81 82				81								
9	Kingswood Explorations Ltd. Bruyere 0019				84	84		84												
10	Kingswood Explorations Ltd. Bruyere 0020	83	83					84				83			83					
10	Kingswood Explorations Ltd. Bruyere 0021-A1					83		83 84												
11	Umex Corporation Ltd. Aguonie 0027-A1																		74	
12	Algoma Central Railway Aguonie 0022																	35		

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SAULT STE. MARIE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																					
13	Frobisher Limited Dolson 0015								55	55											
14	Tundra Gold Mines Ltd. Dolson 0016							84	83	83											
15	Ontario Syndicate Bruyere 0012							70	70	70											
16	Kingswood Exploration Ltd. Bruyere 0022							85	85	85											

BRUYERE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Campbell, R.	1	1947	SW	-45°	?	65'	q	
2	Campbell, R.	2	1947	SW	-45°	?	70'	q	
3	Campbell, R.	3	1947	SW	-45°	?	56'	q	
4	Campbell, R.	4	1947	SW	-45°	?	35'	q	
5	Campbell, R.	5	1947	SW	-45°	?	92'	q	
6	Campbell, R.	1	1947	NE	-45°	?	78'	q	
7	Campbell, R.	2	1947	NE	-45°	?	52'	q	
8	Campbell, R.	3	1947	SE	-45°	?	70'		
9	Garvey, Wm.	1	?	NW	-45°	?	100'		
10	Garvey, Wm.	2	?	N20°W	-40°	?	85'		
11	Garvey, Wm.	3	?	N20°W	-40°	?	68'		
12	Garvey, Wm.	4	?	N20°W	-40°	?	107'		
13	Sylvanite Gold Mines Ltd.	1	1943	?	-60°	?	?		Au
13	Sylvanite Gold Mines Ltd.	2	1943	?	-60°	?	?		Au

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
13	Sylvanite Gold Mines Ltd.	3	1943	?	-60°	?	?		Au
13	Sylvanite Gold Mines Ltd.	4	1943	?	-60°	?	?		Au
13	Sylvanite Gold Mines Ltd.	6	1943	?	-55°	?	?		Au
13	Sylvanite Gold Mines Ltd.	7	1943	?	-55°	?	?		Au
13	Sylvanite Gold Mines Ltd.	8	1943	?	-60°	?	?		Au
14	Sylvanite Gold Mines Ltd.	5	1943	?	-60°	?	?		Au
14	Sylvanite Gold Mines Ltd.	9	1943	?	-60°	?	?		Au
14	Sylvanite Gold Mines Ltd.	19	1943	?	-45°	?	?		Au
14	Sylvanite Gold Mines Ltd.	18	1943	?	-45°	?	?		Au
15	Sylvanite Gold Mines Ltd.	17	1943	?	-58°	?	?		Au

GDIF FORM NO. 1

BRUYERE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
15	Sylvanite Gold Mines Ltd.	12	1943	?	-60°	?	?		Au
15	Sylvanite Gold Mines Ltd.	13	1943	?	-52°	?	?		Au
15	Sylvanite Gold Mines Ltd.	14	1943	?		?	?		Au
15	Sylvanite Gold Mines Ltd.	15	1943	?	-52°	?	?		Au
15	Sylvanite Gold Mines Ltd.	16	1943	?	-52°	?	?		Au
16	Sylvanite Gold Mines Ltd.	10	1943	?	-45°	?	?		Au
17	Sylvanite Gold Mines Ltd.	11	1943	?	-45°	?	?		Au
18	Sylvanite Gold Mines Ltd.	20	1943	?	?	?	?		Au
19	Sylvanite Gold Mines Ltd.	21	1943	?	?	?	?		Au
20	Sylvanite Gold Mines Ltd.	22	1943	?	?	?	?		Au

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
21	Kingswood Exploration Ltd.	K-1	1981	N10°E	-45°	5'	232'	q,calc,po, py,ep	
21	Kingswood Exploration Ltd.	K-3	1981	N10°E	-45°	10'	183'	q,calc,ep	Au
21	Kingswood Exploration Ltd.	K-5	1981	N10°E	-45°	10'	250'	q,calc,ep,ch, py	Au
21	Kingswood Exploration Ltd.	K-7	1981	N10°E	-45°	5'	244'	q,po,cp	
21	Kingswood Exploration Ltd.	K-9.	1981	N10°E	-45°	8'	185'	q,calc	Au
21	Kingswood Exploration Ltd.	K-11	1981	S10°W	-45°	5'	103'	q,po	Au
22	Kingswood Exploration Ltd.	K-2	1981	N45°W	-45°	10'	146'	calc,q,py,ep, cp,po	Au
22	Kingswood Exploration Ltd.	K-4	1981	N50°W	-45°	7'	164'	q,qcv,calc, py,po,cp	Au
22	Kingswood Exploration Ltd.	K-6	1981	N55°W	-45°	5'	189'	q,calc,po,ep	Au
22	Kingswood Exploration Ltd.	K-8	1981	N20°W	-45°	6'	183'	calc,q,po	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
22	Kingswood Exploration Ltd.	K-16	1981	N80°W	-45°	6'	423'	calc,q,ep,py, po	Au
23	Kingswood Exploration Ltd.	K-10	1981	N30°W	-45°	10'	208'	py	Au
23	Kingswood Exploration Ltd.	K-12	1981	N16°W	-45°	4'	160'	calc,q,py	Au
23	Kingswood Exploration Ltd.	K-14	1981	N16°W	-45°	5'	150'	calc,q,py	Au
24	Kingswood Exploration Ltd.	K-15	1981	S15°W	-45°	4'	149'	calc,q,cp,ep	Au
24	Kingswood Exploration Ltd.	K-17	1981	S10°W	-45°	5'	205'	calc,q,ep,po	Au
24	Kingswood Exploration Ltd.	K-23	1981	N10°E	-45°	7'	307'	ep,calc,q,py, cp	Au
25	Kingswood Exploration Ltd.	K-19	1981	N10°E	-45°	6'	198'	q,qcv	
25	Kingswood Exploration Ltd.	K-21	1981	N10°E	-45°	5'	188'	po,cp,carb, py,q,calc	Au
25	Kingswood Exploration Ltd.	K-25	1981	N10°E	-45°	10'	239'	q,py,calc,ep, po,cp	Au

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
26	Kingswood Exploration Ltd.	K-1-84	1984	135°	-45°	11'	151'	py,q,qcv, po,cp	Au
27	Kingswood Exploration Ltd.	K-2-84	1984	70°	-45°	12.6'	178'	qcv,py,po,cp, tour,carb, calc	Au,Cu
28	Kingswood Exploration Ltd.	K-3-84	1984	45°	-45°	2'	215'	ep,py,calc,q, qcv,carb	
29	Kingswood Exploration Ltd.	K-4-84	1984	260°	-45°	2'	238'	py,cp,qcv,ep	Au,Cu,Zn
30	Kingswood Exploration Ltd.	K-5-84	1984	?	-45°	15'	150'	po,cp,ch, calc,q	
31	Kingswood Exploration Ltd.	K-6-84	1984	0°	-45°	39'	63'		
31	Kingswood Exploration Ltd.	K-6A-84	1984	0°	-45°	15'	56'		
32	Kingswood Exploration Ltd.	K-7-84	1984	250°	-45°	7'	248'	q,carb,calc, qcv,po,cp, py	Au,Cu
33	Kingswood Exploration Ltd.	K-8-84	1984	N	-45°	8'	308'	q,ep,po,carb, py,cp,qcv	Au
34	Kingswood Exploration Ltd.	K-9-84	1984	110°	-45°	6'	200'	calc,q,qcv, po,py	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
35	Kingswood Exploration Ltd.	K-10-84	1984	E	-45°	9'	150'	calc,q,py, carb,ep	
36	Kingswood Exploration Ltd.	K-11-84	1984	W	-45°	3'	230'	calc,serp, carb,q,ep, py,talc,mag	

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
13	-by Aeromagnetic Surveys -for Frobisher Ltd.	-a. Magnetic -b. Electromagnetic	500'	N60°E	1000'
14	-by Aerodat Limited -for Tundra Gold Mines Ltd.	-a. Magnetic -b. Electromagnetic	60 m	NE-SW	660'
15	-by Questor Surveys Ltd. -for Ontario Syndicate	-a. Magnetic -b. Electromagnetic	400'	NW-SE	1/8 mile
16	-by Terraquest Ltd. -for Kingswood Explorations Ltd.	-a. Magnetic -b. Electromagnetic	100 m.	0°	100 m.

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Lake Sediment	Zn,Cu,Pb,Ni,Co,Ag,Mn,As, Mo,Fe,U,F	OGS-GSC 1979	OGS OFR 5267
2	Overburden Geochemistry (Soil and Basal Till Sampling)	Au,Cu,Zn,Pb	Kingswood Exploration Ltd.	Bruyere 0018
3	Overburden Geochemistry (Soil and Basal Till Sampling)	Au,Cu,Zn,Pb	Kingswood Exploration Ltd.	Bruyere 0020

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sault Ste. Marie

-Kingswood Explorations

ODM GENERAL INDEX SEARCH

Words searched:

Bruyere Township
Dog Lake
Emily Bay
Goudreau Creek
Manitowik Lake
McMurty Lake
McMurty Creek
Michipicoten River
Murray Lake
Murray Creek
Township 25 Range 26

Index Volume	Listing:	Report Volume	Part	Page
I	Dog Lake, W. of Missinaibi			
	Altitude	VII		188, 190, 198
	Description	VII		187
	Fall from, to Manitowik Lake	VII		189
	Gold Mining (1897)	VII		136
	Gold Mining (1898)	VIII		101
	Gold Mining (1901)	XI		72, 95
	H.B. Co. post,	VII		185
	Length, Bull, (3)			7
	Lock at, suggested			73
	Longitude, Bull. (3)			3
	Low land near, altitude, Bull. (3)			9
	Minor ref. to,	XV	1	176
		XVIII	1	286
	Morainic hills near	XV	1	192
	Quartz veins	VII		196
	Rocks on and near	V		250
		VII		188
		XVI	1	197
				177
	granites	VII		204
	Huronian, R.C. 18	IV		124
		V		253, 254
	schists	XV	1	202, 203
	Route from, to Magpie River	XIV	1	294, 295
	to, from Brunswick Post	IX		140
	Shape	VIII		196
	Striae	VII		197
	Terraces	VII		188
I	Manitowick Lake, Michipicoten mg. div.			
		XV	1	176
	Altitude	VII		188
	Canoeing, dangerous	XV	1	202
	Description	VII		189, 190
	Gold	VII		189
	alluvial	VII		184
	improbable, Bull (3) 11	VII		205

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
I	Manitowick Lake, Michipicoten mg. div.			
	prospecting	VII		101, 189, 197
	Iron	XV	1	204
	north, probability	VIII		257
	prospecting	VIII		256
	Lead	VII		189, 197
	Length, Bull. (3)			7
	Map, sketch	XV	1	203
	Moraine - dammed, Bull. (3)			9
	Morainic ridges near	XV	1	192
	Photo	VII		140, 141
	Rocks on and near	VII		203,
		XV	1	204
				201
				202
	diorite	XV	1	205
	Route from, to Michipicoten, Bull. (3)			5
	Terraces	XV	1	196, 206
I	Michipicoten River			
	Portages	VII		185
	length, Bull. (3)			5
II	Dog Lake			
	Gold prospecting	XXXI	1	44
III	Dog Lake			
	Canoe routes from	44	8	29
	Fault	44	8	35
	Gold discovery	44	8	30
	Rocks	44	8	5, 32
	Rocks	49	3	3
	Waterpower at outlet	36	2	53

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
III	Manitowik Lake, Michipicoten River			
	Fault	44	8	35
	Gold discovery	36	2	1
	Rocks. See map 44c with		8	44
IV	Dog Lake			
	Gold claims	51	8	25
	Gold claims	54	4	19
	Rocks	51	8	13, 25
	Iron formation	54	4	7
	Topography	51	8	3
	notes and photo	54	4	4
IV	Emily Bay			
	Gold claims	54	4	21, 22
	Rocks	54	4	8
V	no listings			
VI	no listings			
VII	no listings			
VIII	no listings			
IX	no listings			

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
V.G. Milne, et al	1972	Manitouwadge - Wawa Sheet	OGS map 2220	1" to 4 mi.
ODM - GSC	1963	Aeromagnetic Map - Localsh Aeromagnetic Map - Manitowik Lake	2207G 2206G	1" to 1 mi.
Springer, Janet	1977	Ontario Mineral Potential, White River Sheet	OGS Map P. 1519	1:250 000
McQuay, D.F.	1980	Northern Ontario Geology Terrain Study, Goudreau Area	NOEGTS Study 73 map 5097	14 pages 1:100 000
OGS - GSC	1979	Regional Lake Sediment and Water Geochemical Reconnaissance Data, Eastern Shore Lake Superior	OGS OFR 5267 16 maps	83 pages 1:250 000
Algoma Central Railway	1964	Manitowik Lake - Localsh	ACR map 42 C 1&8	1" to 1 mi.
Leahy, E.J., Rupert, R.J., Giblin, P.E., & Giguere, J.F.	1971	Wawa Sheet	ODM map P.640	1" to 2 mi.
Bell, R.	1870	Report of Progress 1866-69	GSC	p. 109-117
Bell, R.	1877	Report of Progress 1875-1876	GSC	p. 327-341
Collins, W.H., Quirke, T.T., Thomson, E.	1926	Michipicoten Iron Ranges	GSC Memoir 147 Pt. 2 GSC Map 2050	P. 143-161 1" to 1 mi.

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Burwash, E.M.	1935	Geology of Localsh - Missinabie Area ODM	ODM V. 44 pt. 8 ODM Map 44c	P. 27-38 1" to 1 1/2 mi.
Goodwin, A.M.	1963	Michipicoten Area, District of Algoma, Ontario	ODM Prelim. Map P. 184	1" to 2 mi.

GDIF FORM NO.9

NOTES AND ADDENDA

-Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in:

Rose, D.G.
1985: Mineral Inventory of the Sudbury - Timmins - Sault Ste. Marie Region, Ontario; Geological Survey Canada Open File 1087.

-Bruyere Township was formerly called Township 25 Range 26.

GDIF FORM NO.10

RIGGS TP

☆ 5 Whole Twp.
☆ 11 Whole Twp.

84 09 '00"
48 16 '00"

84° 16 '00"
48° 12 '00"

BIRD TP

COPENACE TP

Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map 1 of 3)

BRUYERE TOWNSHI

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outline

RIGGS TP

Twp.

Twp.

84 09 00"

48 16 00"

15

10

16

7

6

7

2

1

Michipicoten R

Murray

McMurty

Lake

McMurty

Murray Lake

COPENACE TP

Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map 1 of 3)

BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

48 16 00

BIRD TP

COPENACE TP

DOLSON TP

84° 16 '00"
48° 12 '00"

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map 1 of 3)

BRUYERE TOWNSH

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1

EXPLORATION DATA FILE AREAS

■ /① ⑥ Reference number is always inside work area outl
See listing in text pages.

□ x ④ Small area exploration.

48° 16' 00"

16

10

7

6

7

2

1

Lake

Murray Lake

Michipicoten R.

McMurray

McMurray

Murray Cr.

COPENACE TP

DOLSON TP

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map 1 of 3)

BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

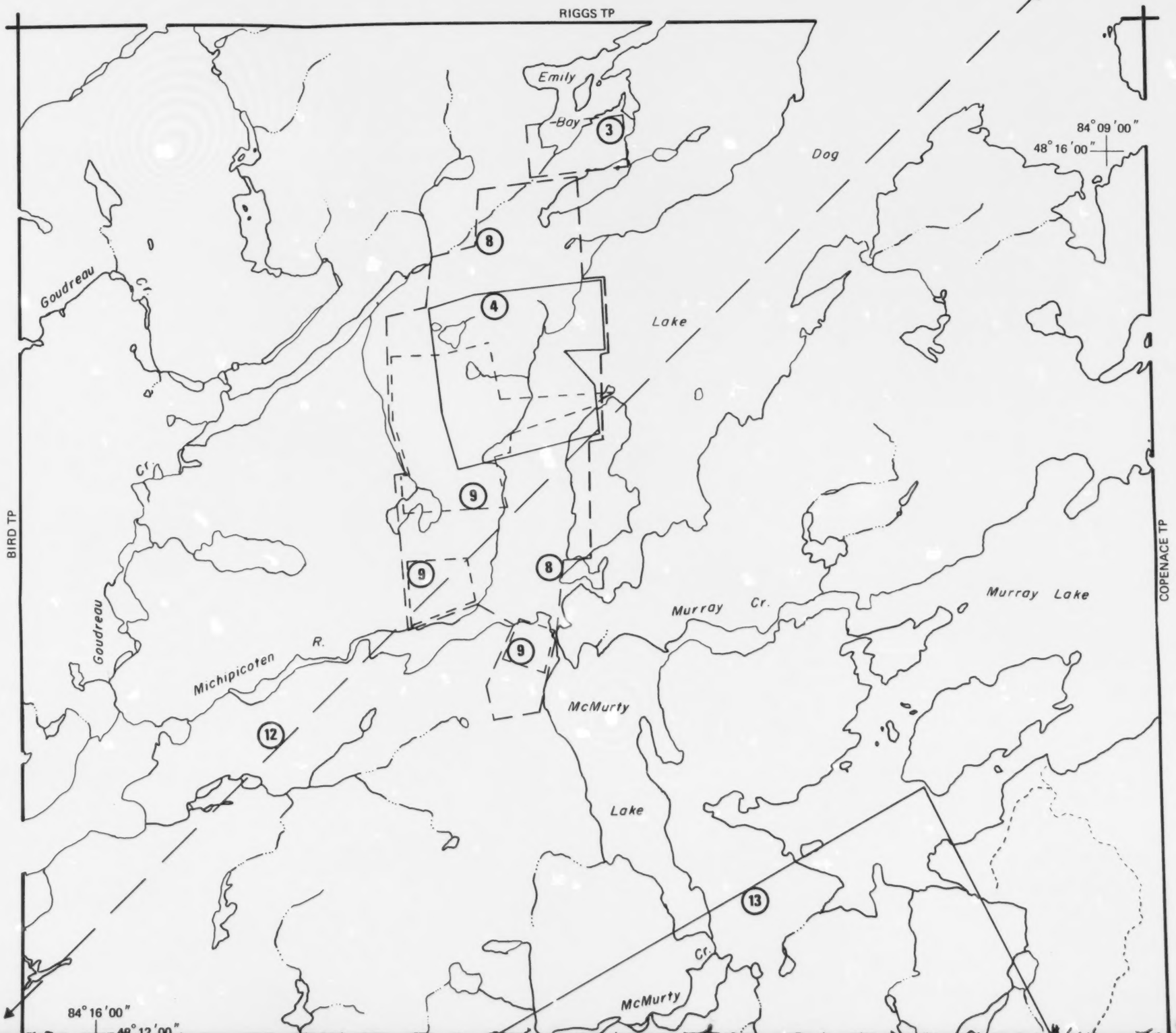
Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

■ 1 6 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area exploration.



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO

(Map 2 of 3)

BRUYERE TOWNS

DISTRICT OF ALGOMA

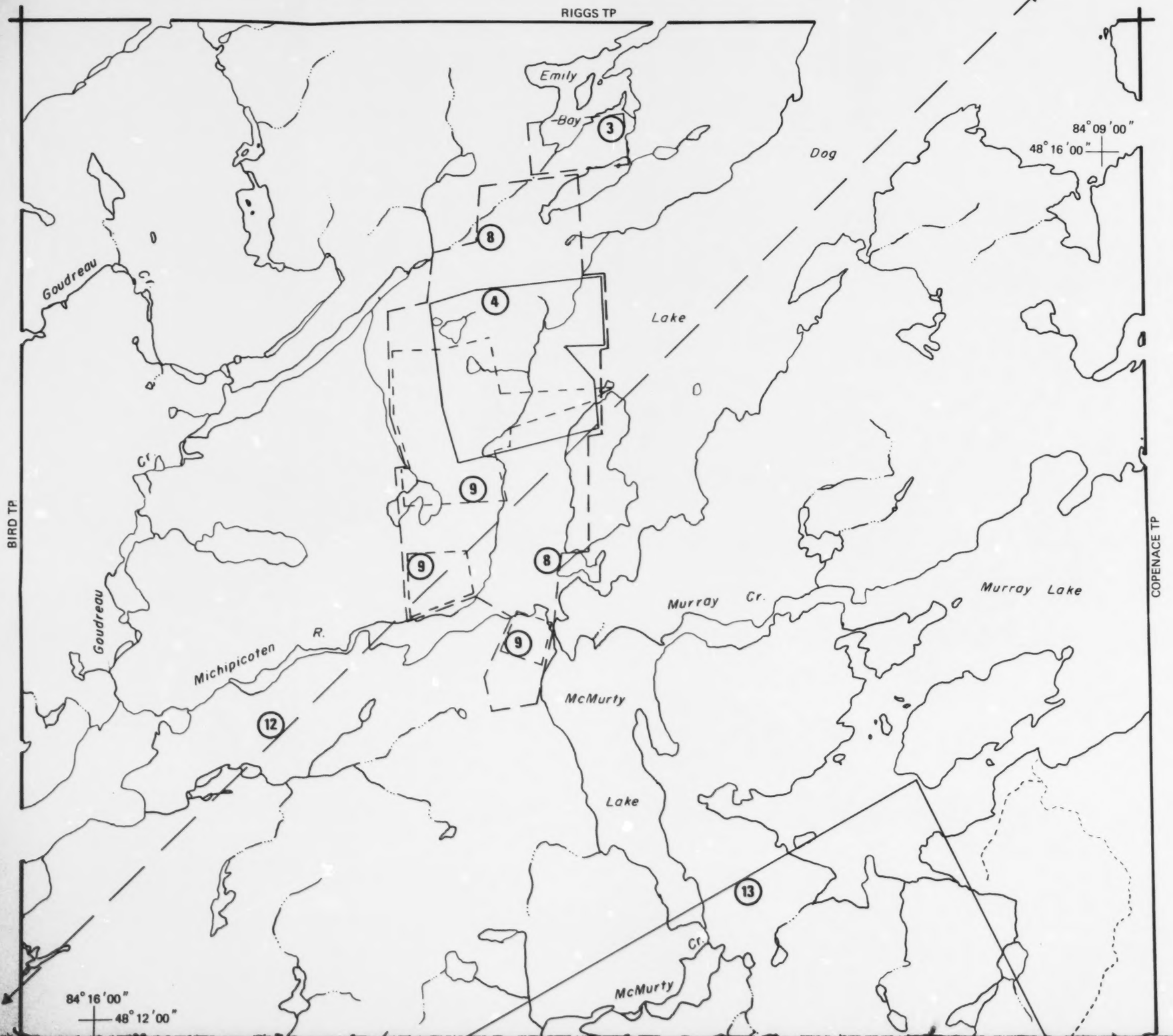
Scale 1:31 680

Kilometre 0.5 0 0.5 1

Mile 0.5 0 0.5

EXPLORATION DATA FILE AR

Reference number is always inside work
See listing in text pages.



Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map **2** of **3**)

BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

■ 1 6 Reference number is always inside work area outlined. See listing in text pages.

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FO

(Map 2 of 3)

BRUYERE TOWN

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1

Mile 0.5 0 0.5

48° 16' 00"

Dog

Lake

Goudreau Cr.

Goudreau Cr.

Goudreau

BIRD TP

Michipicoten R.

Murray Cr.

Murray Lake

McMurty Lake

McMurty Cr.

COPENACE TP

DOLSON TP

84° 16' 00"

48° 12' 00"

8 4 9 9 8 9 12 13

EXPLORATION DATA FILE

■ 1 6 Reference number is always inside w
See listing in text pages.

□ x 4 Small area exploration.

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map **2** of **3**)

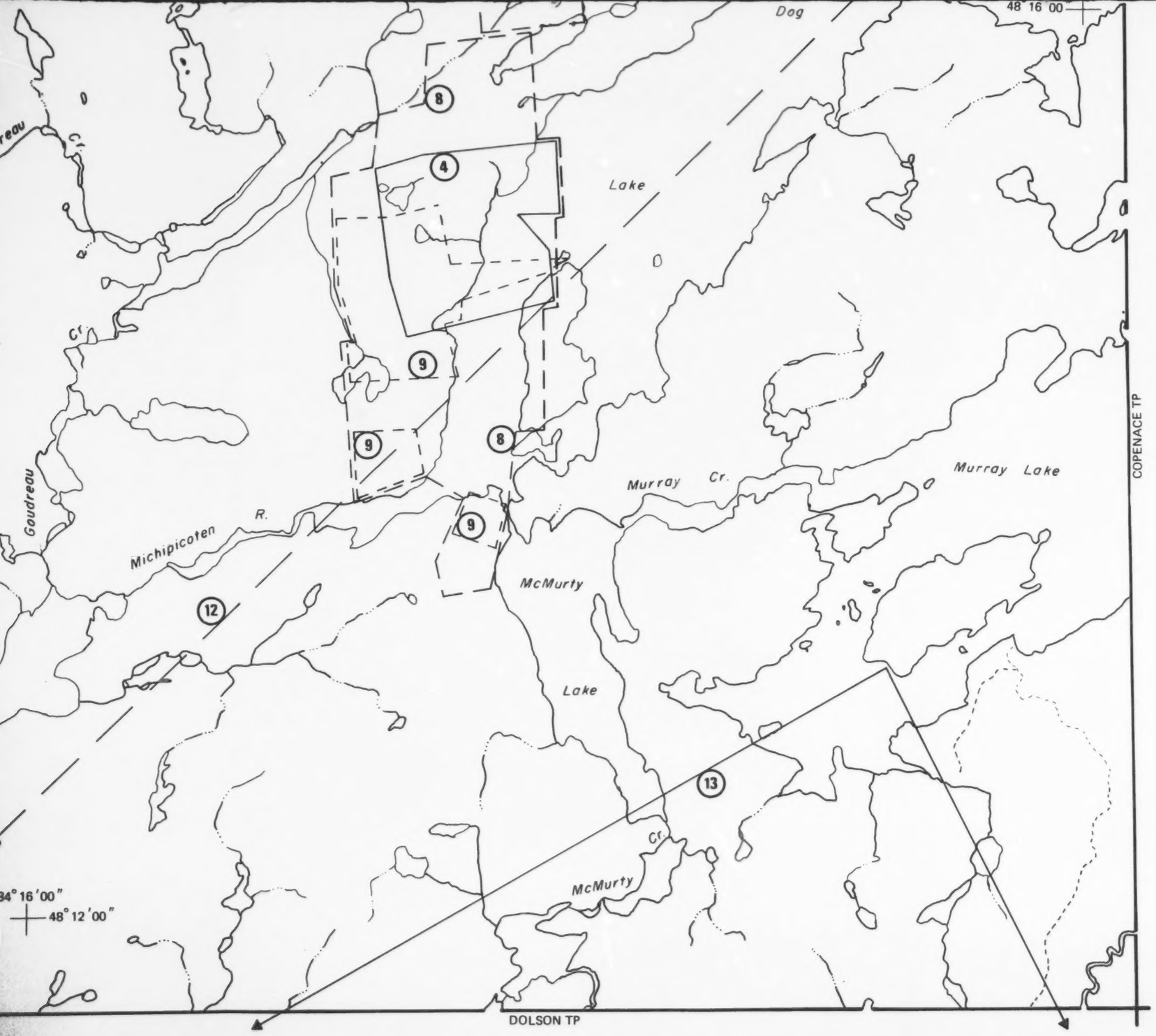
BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

RIGGS TP

BIRD TP

48°16'00"

84°16'00"

Emily Bay

Dog Lake

Goudreau Cr.

Goudreau

Michipicoten R.

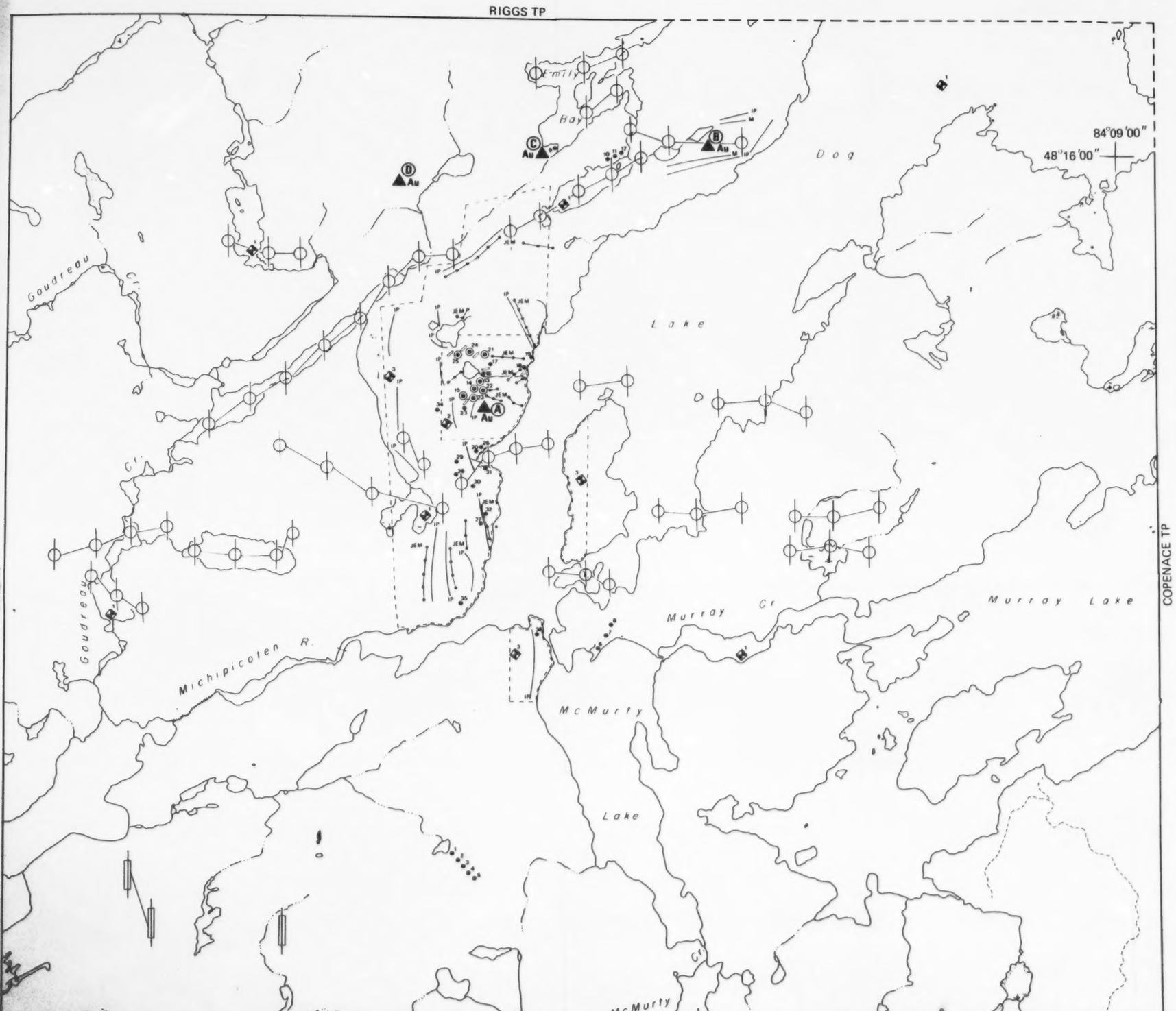
Murray Cr

Murray L

McMurty Lake

McMurty

RIGGS TP



BIRD TP

COPENACE TP

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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map 3 of 3)

BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

BIRD TP

DOLSON TP

84°09'
48°16'00"
84°16'00"
48°12'00"

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 294

(Map 3 of 3)

BRUYERE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number
- 2 — Reverse circulation drillhole; churn drilling, with reference number

84°09'00"
48°16'00"
84°16'00"
48°12'00"
Goudreau Cr.
Goudreau
Michipicoten R.
Dog Lake
Murray Cr.
Murray Lake
McMurty Lake
McMurty Cr.
Murray Cr.
COPENACE TP
DOLSON TP